

Notice of Allowability

Application No.

10/693,284

Examiner

Thuy N. Pardo

Applicant(s)

HSU ET AL.

Art Unit

2165

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment filed on September 12, 2006.
2. ☒ The allowed claim(s) is/are 1, 3-21, 23-32 and 34-42, now renumbered 1-39.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

THUY PARDO
PRIMARY EXAMINER

EXAMINER'S AMENDMENT

1. Applicant's Amendment filed on September 12, 2006 in response to Examiner's Office Action has been reviewed. Claims 1, 3-21, 23-32 and 34-42 are pending in the application. Claims 2, 22, 33 are canceled, and claims 1, 3-5, 18, 19, 21, 23-25, 31, 32 and 34-36 are amended.

2. Authorization for this Examiner's Amendment was given in a telephonic interview with Mr. Samuel Kassatly, Reg. No. 32,247, on May 07, 2007.

The application has been amended as follows:

Claim 21,

line 4, after "a fixed size", --that is stored into memory, and-- has been added.

Claim 32,

line 5, after a first set of instruction codes", --stored into memory-- has been added.

Response to Arguments

3. Applicant's arguments, see pages 11-16, filed on September 12, 2006, with respect to claims 1, 3-21, 23-32 and 34-42 have been fully considered and are persuasive.

Allowable Subject Matter

4. Claims 1, 3-21, 23-32 and 34-42 are allowed over the prior art of record.

The prior art of record fails to teach or suggest individually or in combination sliding a window of a fixed size over the fixed-size chunks and tracking a residue data that has been slid over by the window and emitting the data in the window as a duplicate chunk as set forth in independent claims 1, 21 and 32.

Dependent claims 3-20, 23-31 and 34-42 being further limiting to the independent claims 1, 21 and 32 respectively, definite and enable by the Specification are also allowed.

The closest prior art, Milliken US Patent No. 6978384 teaches a method and system for sequence number checking. Sequence numbers of data packets are compared to a "sliding" window. The sliding window indicates a range of sequence numbers considered valid (or invalid). The size of the sliding window may be a particular value or varied. The closest prior art fails to anticipate or render Applicant's limitations above obvious.

5. Any comments considered necessary by applicant must be submitted no later than the payment of the Issue Fee and, to avoid processing delays, should preferably accompany the Issue Fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

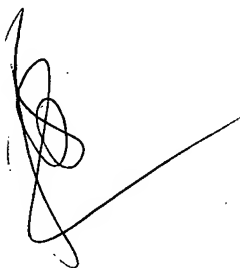
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6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thuy N. Pardo whose telephone number is 571-272-4082. The examiner can normally be reached on Mon-Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jeffrey Gaffin can be reached on 571-272-4146. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

May 11, 2007

A handwritten signature in black ink, appearing to be 'Thuy Pardo', with a long horizontal line extending to the right.

THUY PARDO
PRIMARY EXAMINER